JC03 Rec'd PCT/PTO

e through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER P-1560PCT/US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 02 February 2004 (02,02,2004) PCT/US04/02762 31 January 2003 (31.01.2003) TITLE OF INVENTION APPARATUS FOR THERMAL IMAGING APPLICANT(S) FOR DO/EO/US IRANI, KEIKHOSROW Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. X is not required, as the application was filed in the United States Receiving Office (RO/US). X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4).  $|\mathbf{x}|$ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: Form PTO-2038 and receipt post card.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JC20 Rec'd PCT/PTO 2 6 MAY 2005<sub>PTO-1390</sub> (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

S. APPLICATI	ON NO (if know	1, see 37 CFR 1.	5) . INTERNATIONAL /	APPLICATION NO.	ATTORNEY'S D	OCKET NUMBER
	1/226	241	PCT/US04/02	762	P-1560PCT/	US
The following fees have been submitted  21.   Basic national fee				CALCULATIONS	PTO USE ONLY	
21. 🔀 Basic	national fee			\$300	\$ 300.00	
22. X Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 200.00	
23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 100.00	
TOTAL OF 21, 22 and 23 =					\$	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					·	
Total Sheets	Extra Sheets		ch additional 50 or fraction I up to a whole number)	RATE		
- 100 =	/50 =	:		× \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$	
CLAIMS	NUME	BER FILED	NUMBER EXTRA	RATE	\$	
Total claims	25	- 20 =	5	× \$ 50	\$ 250.00	
Independent claim	s 2	- 3 =	0	× \$200	\$	·
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				+ \$360	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =						
			IOIAL OI ADOV	L CALCULATIONS -	1 Y1 210 00	
Applicant clai	ns small entity s	latus. See 37 CF	R 1.27. Fees above are red		\$1,210.00 605.00	
Applicant clai	ns small entity s	tatus. See 37 CF			605.00	
	\$130.00 for furni	shing the English		SUBTOTAL =	605.00	
Processing fee of	\$130.00 for furni	shing the English	R 1.27. Fees above are redi	SUBTOTAL =	605.00 \$ 605.00	
Processing fee of claimed priority da	\$130.00 for furnite (37 CFR 1.49	shing the English 2(i)). signment (37 CFF	R 1.27. Fees above are redi	SUBTOTAL =  nths from the earliest +  AL NATIONAL FEE =	\$ 605.00 \$ 605.00 \$	
Processing fee of claimed priority da	\$130.00 for furnite (37 CFR 1.49	shing the English 2(i)). signment (37 CFF	TOTAR 1.21(h)). The assignment m \$40.00 per property	SUBTOTAL =  nths from the earliest +  AL NATIONAL FEE =	\$ 605.00 \$ 605.00 \$ \$ 605.00	
Processing fee of claimed priority da	\$130.00 for furnite (37 CFR 1.49	shing the English 2(i)). signment (37 CFF	TOTAR 1.21(h)). The assignment m \$40.00 per property	SUBTOTAL =  nths from the earliest +  AL NATIONAL FEE =  nust be accompanied +	\$ 605.00 \$ 605.00 \$ \$ 605.00	\$
Processing fee of claimed priority da	\$130.00 for furnite (37 CFR 1.49	shing the English 2(i)). signment (37 CFF	TOTAR 1.21(h)). The assignment m \$40.00 per property	SUBTOTAL =  nths from the earliest +  AL NATIONAL FEE =  nust be accompanied +	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ Amount to be	\$ s
Processing fee of claimed priority da  Fee for recording by an appropriate	\$130.00 for furnite (37 CFR 1.49) he enclosed assocover sheet (37	shing the English 2(i)). signment (37 CFF CFR 3.28, 3.31).	TOTAR 1.21(h)). The assignment m \$40.00 per property	SUBTOTAL =  In this from the earliest +  AL NATIONAL FEE =  It is to be accompanied +  FEES ENCLOSED =	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ Amount to be refunded:	,
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please of claimed priority date.	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37) in the amount of	shing the English 2(i)). signment (37 CFF CFR 3.28, 3.31).	R 1.27. Fees above are redicted in translation later than 30 mo  TOTA R 1.21(h)). The assignment m \$40.00 per property  TOTAL  to cover the ata in the amount of	SUBTOTAL =  In this from the earliest +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ Amount to be refunded: Amount to be charged:	,
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please a duplic c. The Control of the control o	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37 in the amount of tharge my Deposate copy of this samissioner is her	shing the English 2(i)). signment (37 CFF CFR 3.28, 3.31).  f \$sit Account Nosheet is enclosed eby authorized to	TOTAL  to cover the at in the amount of charge any additional fees were reduced.	SUBTOTAL =  nths from the earliest +  AL NATIONAL FEE =  nust be accompanied +  FEES ENCLOSED =  pove fees is enclosed.	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:	\$
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic c. The Connaccount d. X Fees are	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37) in the amount of the copy of this samissioner is her No.	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  f \$sit Account Nosheet is enclosed by authorized to A duplicate co a credit card. W	TOTAL  1.21(h)). The assignment metalog per property  TOTAL  1.21(h)). The assignment metalog per property  TOTAL  1.21(h) to cover the allog per property  TOTAL	SUBTOTAL =  Inths from the earliest +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =  Dove fees is enclosed.  If \$ to county  which may be required,  so form may become put	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:	ent to Deposit
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic. c. The Connaccount d. X Fees are be inclu.	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37) in the amount of tharge my Deposate copy of this samissioner is her No	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  f \$	TOTAL  to cover the all  in the amount of  cocharge any additional fees of copy of this sheet is enclosed.  VARNING: Information on this card information and authorize  CFR 1.495 has not been me	SUBTOTAL =  Inths from the earliest  +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =  Dove fees is enclosed.  If \$ to converted,  which may be required,  s form may become publication on PTO-2038.	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:  over the above fees.  or credit any overpaymolic. Credit card information.	ent to Deposit
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic c. The Com Account d. X Fees are be inclusively an and granted to reserve the control of th	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37  in the amount of tharge my Deposate copy of this semissioner is her No.  to be charged to ded on this formatore the Internations.	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  f \$	TOTAL  to cover the attention in the amount of the cover the attention in the amount of the cover the attention of this sheet is enclosed.  VARNING: Information on this card information and authorized.	SUBTOTAL =  Inths from the earliest  +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =  Dove fees is enclosed.  If \$ to converted,  which may be required,  s form may become publication on PTO-2038.	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:  over the above fees.  or credit any overpaymolic. Credit card information.	ent to Deposit
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic c. The Compact Account d. X Fees are be inclusively an and granted to respect to the compact of the compac	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37  in the amount of tharge my Deposate copy of this semissioner is her No.  to be charged to ded on this formatore the Internstore the Internstore CESPONDENCE	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  f \$	TOTAL  to cover the all  in the amount of  cocharge any additional fees of copy of this sheet is enclosed.  VARNING: Information on this card information and authorize  CFR 1.495 has not been me	substotal =  In this from the earliest +  AL NATIONAL FEE =  It is to eaccompanied +  FEES ENCLOSED =  To ove fees is enclosed.  If \$ to converted,  If \$	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:  over the above fees.  or credit any overpaymolic. Credit card information.	ent to Deposit
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic c. The Com Account d. X Fees are be inclusively an and granted to reserve the control of th	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed associate the enclosed as	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  If \$	TOTAL  to cover the all  in the amount of  cocharge any additional fees of copy of this sheet is enclosed.  VARNING: Information on this card information and authorize  CFR 1.495 has not been me	substotal =  In this from the earliest  +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =  Dove fees is enclosed.  If \$ to companied  which may be required,  storm may become put earlien on PTO-2038.  The petition to revive the story of the put earlier on the p	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:  over the above fees.  or credit any overpayments of (37 CFR 1.137(a) or (19))	ent to Deposit nation should not b)) must be filed
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic.  c. The Comaccount.  d. X Fees are be inclu.  NOTE: Where an and granted to reserve to	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed associate the enclosed associated as	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  If \$	TOTAL  to cover the all  in the amount of  cocharge any additional fees of copy of this sheet is enclosed.  VARNING: Information on this card information and authorize  CFR 1.495 has not been me	SUBTOTAL =  Inths from the earliest  +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =  Dove fees is enclosed.  If \$ to companied  which may be required,  s form may become publication on PTO-2038.  et, a petition to revive  SIGNATURE  W. PAT	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:  over the above fees.  or credit any overpaymolic. Credit card information.	ent to Deposit nation should not b)) must be filed
Processing fee of claimed priority date.  Fee for recording by an appropriate.  a. A check b. Please A duplic.  c. The Comaccount.  d. X Fees are be inclu.  NOTE: Where an and granted to research to	\$130.00 for furnite (37 CFR 1.49) the enclosed assover sheet (37  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed assover sheet (37)  in the amount of the enclosed associate the enclosed associated as	shing the English 2(i)).  signment (37 CFF CFR 3.28, 3.31).  If \$	TOTAL  1.21(h)). The assignment metalog per property  TOTAL  1.22(h)). The assignment metalog per property  TOTAL  1.23(h)). The assignment metalog per property  TOTAL  1.24(h)). The assignment metalog per property  TOTAL  1.25(h)). The assignment metalog per property  TOTAL  1.26(h)). The assignment metalog per property  TOTAL  1.27(h)). The assignment metalog per property  TOTAL  1.28(h)). The assignment metalog per property  TOTAL  1.29(h)). The assignment metalog per property  TOTAL  1.21(h)). The assignment metalog per property  TOTAL  1.22(h)). The assignment metalog per property  TOTAL  1.23(h)  1.24(h)  1.24(	substotal =  In this from the earliest  +  AL NATIONAL FEE =  Bust be accompanied +  FEES ENCLOSED =  Dove fees is enclosed.  If \$ to companied  which may be required,  storm may become put earlien on PTO-2038.  The petition to revive the story of the put earlier on the p	\$ 605.00 \$ 605.00 \$ \$ 605.00 \$ \$ 605.00 Amount to be refunded: Amount to be charged:  Over the above fees.  Or credit any overpayment of the control of the	ent to Deposit nation should not b)) must be filed

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of : KEIKHOSROW IRANI

Filed

: Herewith

For

: APPARATUS FOR THERMAL IMAGING

Docket No.

: P-1560PCT/US

COMMISSIONER FOR PATENTS P. O. BOX 1450 ALEXANDRIA, VIRGINIA 22313-1450

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" Mailing Label Number: ED 199994268 US

Date of Deposit: May 26, 2005,

Paper or Fee: Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35U.S.C. 371; Form PTO-2038, in the amount of \$605.00 to cover the filing fee; and receipt post card.

I hereby certify that these papers and fees, all attached hereto, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

MAIL STOP PCT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VIRGINIA 22313-1450

W. PATRICK QUAST, ESQ.

(typed name of person depositing paper or fee)

(Signature of person mailing paper or fee)